

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:
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REGISTERED MAIL

INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

DOCKETED	DUH
FILED IN	4305
CALENDARED	3-17-05
CHECKED BY ATTY	6-17-05

Resp. Due
IDS USPT

Date of mailing
(day/month/year) 17/02/2005

Applicant's or agent's file reference
P31.13-0009

PAYMENT DUE
within 45 ~~days~~ days
from the above date of mailing

International application No.
PCT/US2004/033532

International filing date
(day/month/year) 08/10/2004

Applicant

PRIMERA TECHNOLOGY, INC

1. This International Searching Authority

- (i) considers that there are 3 (number of) inventions claimed in the international application covered by the claims indicated ~~XXXX~~ on the extra sheet:

and it considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated ~~XXXX~~ on the extra sheet:

- (ii) ☒ has carried out a partial international search (see Annex) ☐ will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:

1-3, 14-16

- (iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid

2. The applicant is hereby **invited**, within the time limit indicated above, to pay the amount indicated below:

EUR 1.550,00	x	<u>2</u>	=	EUR 3.100,00
Fee per additional invention		number of additional inventions		total amount of additional fees

Or, _____ x _____ = _____

The applicant is informed that, according to Rule 40.2(c), the payment of any additional fee may be made under protest, i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. ☐ Claim(s) Nos. _____ have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the International Searching Authority

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Authorized officer

Maria Zinburgova

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-3, 14-16

Method of maintaining uniform temperature on a heated laminator roller.

2. claims: 4-13

Apparatus for connecting portions of a circuit board on an interior of a hollow core roller to at least one external contact.

3. claims: 17-21

Laminator assembly comprising a support tray for supporting a disc.

The reasons for which the present application has been deemed to contain 3 inventions which are not linked such that they form a single general inventive concept, as required by Rules 13.1, 13.2 and 13.3 PCT, are as follows:

The prior art described by the applicant (see page 1, first paragraph) is illustrated for instance by WO-A-9962721 (see figure 7).

1. From a comparison of the disclosure of WO-A-9962721 and the technical features of claims 1-3, 14-16 the following technical feature can be seen to make a contribution over the prior art and therefore is considered to be the STF (Special Technical Feature (Rule 13.2 PCT)) of the first invention:

- continuously driving the heated roller at a selected speed whenever the heated roller is to be used for laminating and is near or above the selected temperature.

From this STF the objective problem to be solved by the first invention can be seen in maintaining the heated roller at a sufficiently high and uniform temperature to provide for reliable lamination (see page 1, lines 13-18).

2. From a comparison of the disclosure of WO-A-9962721 and the technical features of claims 4-13*, the following technical feature can be seen to make a contribution over the prior art and therefore is considered to be the STF of the second invention:

- memory circuit board supported on the interior of the hollow core

roller;

From this STF the objective problem to be solved by the second invention can be seen in providing precise information relating to the laminating material on the supply roller (see from page 1, line 24 to page 2, line 5).

3. From a comparison of the disclosure of WO-A-9962721 and the technical features of claims 17-21, the following technical features can be seen to make a contribution over the prior art and therefore are considered to be the STF of the third invention:

- support tray for supporting a disc during lamination;
- adjustable hub.

From these STF the objective problem to be solved by the third invention can be seen in improving flexibility of the laminating apparatus (see page 17, lines 23-27).

The above analysis shows that the special technical features of the three inventions are not the same and are not corresponding.

A comparison of the objective problems related to the three inventions, seen in the light of the description and drawings of the application, shows that they are different and have no corresponding technical effect.

In conclusion, therefore, the three groups of claims are not linked by common or corresponding special technical features and define three different inventions not linked by a single general inventive concept.

The application, hence, does not meet the requirements of unity of invention as defined in Rule 13(1) & (2) PCT.

* Since claims 4-6 relate to the problem of the second invention, they have been grouped together with claims 7-13.

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
- see 'Invitation to pay additional fees'
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 472 802 A (RICOH KK) 11 May 1977 (1977-05-11) page 3, line 27 - line 122 figures 9,10	1-3, 14-16
A	WO 99/62721 A1 (PRIMERA TECHNOLOGY, INC) 9 December 1999 (1999-12-09) abstract; figure 7 page 10, line 5 - line 7 page 10, line 13 - line 15	1,14

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Patent Family Annex

Information on patent family members

International Application No

PCT/US2004/033532

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
GB 1472802	A	11-05-1977	JP	50019436 A		28-02-1975
			JP	50000823 A		07-01-1975
			DE	2412848 A1		07-11-1974
			DE	2462698 B1		25-10-1979
			US	4060441 A		29-11-1977
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WO 9962721	A1	09-12-1999	AU	4413799 A		20-12-1999
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